Electronic Acknowledgement Receipt				
EFS ID:	2117531			
Application Number:	10808986			
International Application Number:				
Confirmation Number:	7762			
Title of Invention:	Apparatus and method for creating pulsating fluid flow, and method of manufacture for the apparatus			
First Named Inventor/Applicant Name:	Roger L. Schultz			
Customer Number:	29920			
Filer:	Paul N. Katz/Debbie Allen			
Filer Authorized By:	Paul N. Katz			
Attorney Docket Number:	HES 2003-IP-012204U1			
Receipt Date:	23-AUG-2007			
Filing Date:	25-MAR-2004			
Time Stamp:	15:56:32			
Application Type:	Utility under 35 USC 111(a)			

# Payment information:

bmitted with Payment	no
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# File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
,		0637180398ROA.PDF	1086744	yes	32
'			e0e57b09eda54e102a4e1c03725cc388 cb9ea447		

1	Multipart Description/PDF files in .zip description				
Docum	ent Description	Start	End		
Miscellane	eous Incoming Letter	1	2		
Amendment - A	After Non-Final Rejection	3	3		
	Drawings	4	4		
	Claims	5	21		
Applicant Arguments/F	Remarks Made in an Amendment	22	26		
	Drawings	27	32		

Warnings:

Information:

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1086744

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.